Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
Geological Survey Branch
Hon. Jack Davis, Minister

INFORMATION MOTHERLODE !

Geological Source Material for BC

Compiled by: J. Riddell

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VICTORIA
BRITISH COLUMBIA
CANADA

September 1990

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This booklet is published by the Geological Survey Branch of the British Columbia Ministry of Energy, Mines and Petroleum Resources to assist students, teachers, prospectors, rockhounds and the general public in finding general information on the rocks, minerals and fossils of British Columbia. Although names, addresses, prices and phone numbers are current at the time of printing we cannot guarantee the accuracy of this data.

Additions and suggestions for this publication are encouraged and may be submitted to:

The Editor
Geological Survey Branch
Ministry of Energy, Mines and Petroleum Resources
525 Superior St., Room 122-10
Victoria, B.C., V8V 1X4
or, FAX (604) 356-7413.

THE BRITISH COLUMBIA GEOLOGICAL SURVEY BRANCH

The mandate of the Geological Survey Branch, Mineral Resources Division, is to aid and stimulate the growth of the mining industry for the social and economic benefit of the people of British Columbia by conducting geoscientific surveys, analysing and interpreting the geology of the province, and maintaining an inventory of mineral deposits. Other agencies within the Ministry of Energy, Mines and Petroleum Resources are responsible for the geological assessment of oil and gas resources and the management of energy resources. Branch scientists conduct basic field research, assist the public and industry, and cooperate with other government agencies to assure responsible and environmentally sound development of the province's mineral resources.

FOR GENERAL INFORMATION

Geological Survey Branch
756 Fort Street
Victoria, B.C., V8W 3A3
General Enquiries: (604) 356-2818

Ministry of Energy, Mines and Petroleum Resources Library
430 - 617 Government Street, Victoria
Sharon Ferris, Librarian Phone (604) 387-6407

Geological Survey Branch Programs

MINERAL DEPOSITS :
Bill McMillan, (604) 356-2849
The Mineral Deposits unit conducts geological studies of mining districts and other areas of high mineral potential to determine the distribution and origin of metallic mineral deposits and to develop genetic models for the guidance of mineral exploration and government planning.

REGIONAL MAPPING:
The Regional Mapping unit carries out geological mapping, usually at 1:50 000-scale, in areas of the province that are underexplored or where the geology is poorly understood. Geological maps at this scale are a fundamental requirement for effective mineral exploration and informed land-use management.

DISTRICT GEOLOGY: Vic Preto, (604) 356-2833
District Geologists, with offices in five major centres, are responsible for maintaining an up-to-date record of the geology and mineral exploration trends in their districts. They provide training for prospectors and advice

to industry, other government departments and the general public. The locations of district offices are listed below:

Prince George
1652 Quinn Street
Prince George, B.C. V2N 1X3
District Geologist - Ted Faulkner, (604) 565-6125

Nelson
310 Ward Street
Nelson, B.C. V1L 5S4
District Geologist - Andrew Legun, (604) 354-6125

Smithers
Bag 5000
Smithers, B.C. V0J 2N0
District Geologist - Dave Lefebure, (604) 847-7391

Kamloops
2985 Airport Drive
Kamloops, B.C. V2B 7W8
District Geologist - Rick Meyers, (604) 828-4566

Victoria
756 Fort Street
Victoria, B.C. V8W 3A3
District Geologist - Paul Wilton, (604) 356-2838

District Geologists are an excellent source for information on local geology, mining history and activities.

INDUSTRIAL MINERALS: Danny Hora, (604) 356-2846
The Industrial Minerals unit studies the distribution and abundance of industrial minerals in the province. These studies are used to promote development of the resource and to guide land management decisions.

COAL RESOURCES: Ward Kilby, (604) 356-2276
The Coal Resources unit collects geological information on the province's coal resources. The Geological Survey Branch maintains a large library of coal assessment reports, dating from 1900. Exploration data from these reports have been summarized and stored in a computer information system called COALFILE. Information regarding COALFILE may be obtained on request.

GEOCHEMISTRY AND ENVIRONMENTAL GEOLOGY:
Paul Matysek, (604) 387-3232
The Applied Geochemistry unit is responsible for the management of the Regional Geochemical Survey program. The unit also carries out research leading to improvements in both sampling techniques and the interpretation of analytical data. The results of geochemical surveys are used extensively by the mineral exploration industry; they also provide baseline data for environmental impact studies and the development of land-use policy.

The objectives of the Environmental Geology unit are to provide advice and information to the mining industry, government and the general public. It carries out basic research of the Quaternary geology of the province and is instrumental in developing geoscience databases for surficial geology and geological hazards. The unit is actively involved with evaluating drift prospecting and sampling techniques in areas of thick overburden, placer geology and surficial mapping.

VANCOUVER OFFICE: Tom Schroeter, (604) 660-2708
The Vancouver Regional Office was opened in 1986 to provide day-to-day contact and communication with the vibrant mineral exploration, mine finance and academic communities on the Lower Mainland. The office maintains a mining library which includes MINFILE and assessment reports.

159-800 Hornby Street
Vancouver, B.C. V6Z 2C5

MINFILE: Larry Jones (604) 356-2825; Cindy McPeek, (604) 356-2826
The Geological Survey Branch maintains a large computerized information system, called MINFILE, covering all known occurrences of metallic and industrial minerals in British Columbia. MINFILE currently contains information on more than 10 000 occurrences, including an outline of the geology and statistics on reserves and production. Its powerful search-and-report capability and leading-edge software technology are available to the public on floppy diskettes for use with IBM-compatible personal computers.

Room 247, 541 Superior Street
Victoria, B.C. V8V 1X4

PROPERTY FILE: Larry Jones, (604) 356-2825
Published and unpublished reports, maps, press clippings and airphotos concerning all mineral occurrences recorded in MINFILE are kept on file. These files are available for viewing and photocopying at:

Room 247, 541 Superior Street,
Victoria, B.C. V8V 1X4

MINERAL ASSESSMENT REPORTS: Talis Kalnins (604) 356-2286
Unpublished mineral industry geoscience reports submitted to the Ministry as required by the Mineral Tenure Act and Regulations. Copies may be viewed or purchased after the expiry of the confidentiality period (usually one year). About 20 000 assessment reports are on file.

Room 120, 525 Superior Street
Victoria, B.C., V8V 1X4

FAME (Financial Assistance for Mineral Exploration):
Vic Preto, (604) 356-2833

FAME funds the Prospectors Assistance Program to promote prospecting in British Columbia. It is designed to provide part of the risk capital needed by independent prospectors to locate mineral deposits for the future.

Prospecting Courses:

A Beginner's Prospecting Course is offered in Victoria each year, through Camosun College. The course runs from mid-January to mid-March, two nights per week, with two one-day field trips. For more information call Camosun College at (604) 370-3000. Similar courses are offered by community colleges throughout the province. For information about courses in your area contact the District Geologist.

An advanced Prospecting Course is jointly sponsored by the Geological Survey Branch and the Ministry of Advanced Education and Job Training every spring. This is an 18-day live-in course; instruction and accommodation are provided at the Ministry of Forests Cowichan Lake Research Station at Mesachie Lake.

For information contact:

Director of Prospector's Assistance
Ministry of Energy, Mines and Petroleum Resources
Geological Survey Branch
200 - 756 Fort Street
Victoria, B.C. V8W 3A3 Phone (604) 356-2833

Gold Panning

For enquiries regarding gold panning regulations in British Columbia contact:
Chief Gold Commissioner
Mineral Titles Branch
525 Superior Street
Victoria, B.C. V8V 1X4 Phone (604) 356-2251

Rock, Fossil and Gem Hunting in B.C.

Ministry of Tourism
Parliament Buildings
Victoria, B.C. V8V 1X4 Phone (604) 387-1428
Local information is available from gem and mineral clubs throughout the province, a list of which is included elsewhere in this brochure.

Rock, Fossil and Gem Hunting in National Parks

For iaformation on regulations and restrictions on rock, mineral and fossil collecting in Canadian National Parks, contact:

Director, National Parks Branch
Environment Canada
Ottawa, Ontario K1A 1G2

PUBLICATIONS OF THE B.C. GEOLOGICAL SURVEY BRANCH

Publications of the B.C. Geological Survey are distributed by:

Crown Publications Inc.
546 Yates Street
Victoria, B.C. V8V 1K8
Phone (604) 386-4636; FAX: (604) 386-0221

B.C. and Yukon Chamber of Mines*
840 West Hastings Street
Vancouver, B.C., V6C 1C8
(604) 681-5328

*These are Vancouver agents for Crown Publications Inc. and carry a small inventory of the most current material. Government Agents across the province are also agents for Crown Publications and can help you order books and maps.

HOW TO FIND PUBLICATIONS OF INTEREST

The British Columbia Geological Survey distributes a catalogue of publications in its Information Circular series. It contains a complete listing of all geoscience publications by the Ministry, even those which are out of print and available only in libraries. Information may be obtained by contacting Doreen Fehr (604) 356-7411.

Crown Publications publishes a *Catalogue of Publications, Maps and Services* containing the products of the British Columbia Ministry of Energy, Mines and Petroleum Resources, Mineral Resources Division. It lists all in-print publications of the Geological Survey Branch, including annual reports, bulletins, papers, open file maps and reports, and other geoscience information.

This catalogue is provided free of charge and is updated periodically. Although most publications are of a technical nature, some of more general interest are listed below.

SELECTED PUBLICATIONS

British Columbia Dimension Stone,
by G.V. White and Z.D. Hora (1988), British Columbia Ministry of Energy, Mines and Petroleum Resources, Information Circular 1988-6.

Coal in British Columbia,
British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1986-3.

Coal in Northwest British Columbia: An Overview,
by T.G. Schroeter, G.V. White and J. Koo (1986), British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1986-5.

Energy - The Canadian Picture - A Teacher's Guide,
Britsh Columbia Ministry of Energy, Mines and Petroleum Resources, Energy Conservation and Technology Division (1980).

Guidelines for Mineral Exploration (March 1989)
Available from the Chief Inspector of Mines,
Ministry of Energy, Mines and Petroleum Resources
Victoria, B.C. (604) 356-2200

The Identification of Common Rocks,
by Eileen Van der Flier-Keller and William J. McMillan (1987), British Columbia Ministry of Energy, Mines and Petroleum Resources, Information Circular 1987-5, completely revised, with colour plates.

Introduction to Prospecting,
by E.L. Faulkner (1986), British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1986-4.

Jade in British Columbia,
by Stuart S. Holland (1962), British Columbia Ministry of Energy, Mines and Petroleum Resources, Annual Report for 1961, pages 119-126.

Landforms of British Columbia - A Physiographic Outline,
by Stuart S. Holland (1976), British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 48.

British Columbia Mineral Exploration Review, An Information Circular produced annually by the B.C. Geological Survey. Summarizes mining and exploration activity in the Province during the preceeding calendar year. Available from the Chief Geologist free on request.

British Columbia Geological Survey, Information Circular 1990-10. A review of the goals, services and areas of activity of the B.C. Geological Survey. Available from the Chief Geologist free on request,.

Gold Production and Reserves in British Columbia, Open File 1989-22, by T.G. Schroeter, C. Lund & G. Carter.

Mine Development Review Process - An Introduction
This brochure explains the concept and application of the Mine Development Review Process and how it is applied to organizations in the process of developing new mines in the Province of British Columbia. For copies or further information contact:
Raymond L. Crook - Chairman
(604) 356-2230

Mine Development Steering Committee
c/o Mineral Policy & Evaluation Branch
Mineral Resources Division
Parliament Buildings
Victoria, B.C. V8V 1X4

Mineral Market Update - A quarterly publication featuring British Columbia mining highlights and developments. This magazine is free of charge and is distributed by:

Communications and Public Affairs
British Columbia Ministry of Energy, Mines and Petroleum Resources
Parliament Buildings
Victoria, B.C. V8V 1X4
Phone (604) 387-5178

SELECTED MAPS

Map A - Generalized Geological Map of the Canadian Cordillera, 48N to 65N, by E.V. Jackson (1967), 1:2 500 000.

Map C - Faults, Porphyry Deposits and Showings, and Tectonic Belts of the Canadian Cordillera, 48N to 65N, by R.H. Seraphim, V.F. Hollister, E.V. Jackson, S.H. Pilcher, J.J. McDougall and A. Sutherland Brown (1976), 1:2 500 000, one sheet on transparent mylar, includes tables of porphyry deposits and showings; prepared to overlay Map A.

Map D - Faults, Tectonic Belts, and Thermal Springs of the Canadian Cordillera, transparent overlay showing the geographic location and name of 102 measured and unmeasured thermal springs in relation to the faults and tectonic belts of the Canadian Cordillera (1981), complimentary to Map A.

Metallic Mineral Potential of British Columbia, 1:2 000 000 (1978).

Areas Alienated or Restricted from Mining in British Columbia, 1:2 000 000 (1983).

Gold in British Columbia, Preliminary Map 64, 1:2 000 000 (1986).

Producers & Potential Producers - Mineral and Coal, Preliminary Map 65, 1:2 500 000 (1989)
This map is revised annually and shows all significant mineral exploration properties and active mines in the Province of British Columbia.

British Columbia Geological Highway Map

This set of four maps, accompanied by an information booklet, covers the entire province, and includes photographs and sections (including text and figures) on many subjects of interest about British Columbia geology, including:

- metals, coal, industrial minerals, oil and gas
- the evolution of life
- seismic risk
- young volcanos and hot springs
- the geological cycle
- glaciation
- landforms
- plate tectonics.

British Columbia Recreational Atlas

An informative companion for people who travel British Columbia whether on lake or river, hiking path or wilderness trail, byway or highway. Consists of newly redrawn, four colour maps at a scale of 1:600 000 (1 cm = 6 km). Available from Crown Publications Inc. (604) 386-4636.

GEOLOGICAL SURVEY OF CANADA

Geological Survey of Canada Publications
Energy, Mines and Resources Canada
601 Booth Street
Ottawa, Ontario, K1A 0E8

or;

Geological Survey of Canada Publications
Energy, Mines and Resources Canada
100 West Pender - 6th Floor
Vancouver, B.C. V6B 1R8

Misc. G50 - Index to Reports and Maps of General Interest
This index is free of charge and covers the following types of reports;
Memoirs: Comprehensive reports on the geology of specific areas.
Bulletins: Reports on detailed scientific studies of a geological subject.
Papers: Presentations of progress and accumulated data for a particular project.
Miscellaneous publications: A wide range of topics are covered, often of particular interest to the general public.

Misc. G52 - Price List of Reports for Western Canada
List of bulletins, memoirs, miscellaneous reports, papers and International Geological Congress Guidebooks for western Canada, listed by province. This index is free of charge.

SELECTED PUBLICATIONS

Fossils of the Burgess Shale - A National Treasure in Yoho National Park, British Columbia, by S. Conway Morris and H.B. Whittington (1985), Geological Survey of Canada, Miscellaneous Report 43.

Geology and Economic Minerals of Canada (5th edition), with maps and correlation charts, by R.J.H. Douglas (1970).

The Geological Survey of Canada - Past and Present (1986), Geological Survey of Canada, Miscellaneous Report 45.

Glacier and Mount Revelstoke National Parks, British Columbia: Where Rivers are Born, by D.M. Baird (1965), Geological Survey of Canada, Miscellaneous Report 11.

Kootenay National Park, British Columbia: Wild Mountains and Great Valleys, by D.M. Baird (1964), Geological Survey of Canada, Miscellaneous Report 6.

Pacific Rim National Park, the Geology of Long Beach Segment, by A.H. Lang and J.E. Muller (1975), Geological Survey of Canada, Miscellaneous Report 24.

Prospecting in Canada (4th edition), by A.H. Lang (1980), Geological Survey of Canada.

Rock and Mineral Collecting in British Columbia, by Stan Leaming (1973), Geological Survey of Canada, Paper 72-53.

Rock and Mineral Collecting in Canada, Volume 1 - Yukon, Northwest Territories, British Columbia, Alberta, Saskatchewan and Manitoba, by Ann P. Sabina (1964), Geological Survey of Canada, Miscellaneous Report 8.

Rocks and Minerals for the Collector: The Alaska Highway: Dawson Creek, British Columbia to Yukon/Alaska Border, by Ann P. Sabina (1973), Geological Survey of Canada, Paper 72D32.

Yoho National Park, British Columbia: The Mountains, the Rocks, the Scenery, by D.M. Baird (1962), Geological Survey of Canada, Miscellaneous Report 4.

SELECTED MAPS

Map No. 900A Canada's Principal Mineral Areas, scale 1 inch to 120 miles. One copy free of charge to Canadian residents - extra copies $7.50 each.

Map No. 1250A Geological Map of Canada.

Map No. 1251A Tectonic Map of Canada.

Map No. 1252A Mineral Deposits of Canada.

Map No. 1253A Glacial Map of Canada.

Map No. 1701A Physiographic Map of the Canadian Cordillera.

Map No. 1505A Tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America; H.W. Tipper, G.J. Woodsworth and H. Gabrielse; scale 1:2 000 000; 1981.

Map No. 1513A Mineral deposits and principal mineral occurrences of the Canadian Cordillera and adjacent parts of the United States of America; K.M. Dawson; scale 1:2 000 000.

Map No. 1558A Gas Pools of Western Canada (two sheets); scale 1 inch to 6 miles; 1982.

Map No 1559A Oil Pools of Western Canada (two sheets);scale 1 inch to 16 miles; 1982.

Illustrated posters

Fossils
Gemstones
Meteorites
Minerals
Rocks
Fossils of the Burgess Shale

The posters are bilingual and are available free of charge to residents of Canada.

Pamphlets about earthquakes and offshore & marine geology

Write:

Pacific Geoscience Centre
P.O. Box 6000
Sidney, B.C. V8L 4B2
Phone (604) 656-8269

GEOS Magazine: A quarterly about the earth's resources is published by Energy, Mines and Resources Canada and is distributed without charge on request.

Write:

Distribution, GEOS
Energy, Mines and Resources Canada
580 Booth Street
Ottawa, Ontario K1A 0E4

INDUSTRY ASSOCIATIONS

The British Columbia and Yukon Chamber of Mines
840 West Hastings Street
Vancouver, B.C. V6C 1C8
(604) 681-5328

The B.C. and Yukon Chamber of Mines is a public non-profit organization; it provides information and serves as a public relations bureau for mining and allied industries. The Hastings Street office maintains a mineral exhibit and provides a free mineral-identification service. This office distributes:
The **Mining Review** magazine (free of charge)- an annual review of exploration activity.
The **Mining Review Directory** ($10)- a directory of its members engaged in providing services, equipment or supplies to the industry and also includes a list of mining and exploration companies active in British Columbia and Yukon.
Map - Mineral Deposits and Principal Mineral Occurrences of the Canadian Cordillera (Modified from GSC Map 1513A) Scale 1:2 000 000. This map is released annually and shows occurrences, commodities, operating companies and current owners of properties.

The Coal Association of Canada
Suite 502, 205 9th Avenue S.E.
Calgary, Alberta
T2G 0R3
Phone (403) 262-1544

The Coal Association of Canada is an association of companies engaged in the exploration of Canadian coal. It provides a forum to discuss and coordinate the views of its members on matters of common interest, and an authoritative voice promoting the use of coal, through communication with governments, customers, employees and the public.

Mining Association of B.C.
Box 12540, 860 - 1066 W. Hastings St.
Vancouver, B.C. V6E 3X1
(604) 681-4321

The Mining Association of B.C. is an organization of companies or individuals operating a mine, smelter or related business in British Columbia. It provides a communications link between government, industry and the general public and it maintains committees to examine and advise on issues of concern to the mining industry. The MABC promotes public awareness of these issues through distribution of a monthly newsletter, representation at community events, career fairs and a speakers bureau. The newsletter is free on request.

Northwest Mining Association
414 Peyton Building
Spokane, Washington, 99201
(509) 624-1158

Prospectors & Developers Association of Canada
74 Victoria St., Ste. 420
Toronto, Ontario M5C 2A5
(416) 362-1969

Chamber of Mines of Eastern British Columbia
215 Hall Street
Nelson, B.C. V1L 5X4
(604) 352-5242

Atlin Placer Miners' Association
Box 4, Atlin, B.C. V0W 1A0
(604) 567-2341

Cariboo Mining Association
Box 4699
Quesnel, B.C. V2J 3J9
(604) 992-6979

Dease-Cassiar Miners' Association
General Delivery
Dease Lake, B.C.
(604) 771-3602

Geological Association of Canada (Cordilleran Section)
P.O. Box 398, Station A
Vancouver, B.C. V6C 2N2
(604) 684-7254

Kamloops Exploration Group
200-2985 Airport Road
Kamloops, B.C., V2B 7W8
(604) 828-4566

Omineca Branch Canadian Institute of Mining & Metallurgy
c/o Carl Gagnier
Equity Silver Mines Ltd.
Box 1450, Houston, B.C., V0J 1Z0
(604) 845-7799

Smithers Exploration Group
Box 3196
Smithers, B.C. V0J 2N0
(604) 847-3612

Southern Interior Prospector's & Developers Assoc.
Box 817, Princton, B.C.
V0X 1W0
(604) 295-3792

Yukon Chamber of Mines
Box 4427, 412 Main Street
Whitehorse, Y.T. Y1A 3T5
(403) 667-2090

MUSEUMS

M.Y. Williams Geological Museum at The University of British Columbia

This excellent museum features a collector's shop with a superb collection of crystal and fossil specimens available for sale. There are also several displays, including a fossil dinosaur (Lambeosaurus) 10 metres long, systematic collections of rocks, minerals and fossils, and other interesting exhibits and models. Class visits can be arranged by calling the Geological Sciences building at (604) 228-2449.

Royal British Columbia Museum
601 Belleville Street,
Victoria, B.C. V8V 1X4
Phone (604) 387-3701

The museum has an excellent natural history section. The Friends of the Royal British Columbia Museum sponsor the Newcombe Program, a series of museum-related events. For Newcombe Program event information call (604) 387-5822. If you have an artifact or specimen you would like to donate to the museum, please call (604) 387-2149.

British Columbia Provincial Archives
Parliament Buildings, Victoria
Phone (604) 387-3621

The Provincial Archives is a reference collection of manuscripts, records, books, pamphlets, maps, paintings, sound recordings and photographs relating to British Columbia history.

Other British Columbia museums with displays of geological or mining interest:

Ashcroft

Ashcroft Museum (east of the Trans-Canada Highway at Cache Creek)
Railway Avenue and Third Street
Ashcroft, B.C. V0K 1H0
Phone (604) 453-9232

Atlin

Atlin Museum (south of the Alaska Highway at Jake's Corner)
Box 111
Atlin, B.C. V0W 1A0
Phone Atlin 111

Barkerville

Barkerville Historic Park (east of Quesnel on Highway 26)
Barkerville, B.C. V0K 1B0
Phone (604) 994-3209

Britannia Beach

British Columbia Museum of Mining (north of Vancouver on Highway 99)
Britannia Beach, B.C.
Phone Vancouver toll free 688-8735
orBritannia: (604) 896-2233

Chase

Shuswap Lake Provincial Park (Trans-Canada Highway east of Kamloops)
Nature House
Chase, B.C. V0E 1M0
Phone (604) 955-2217

Courtenay

Courtenay and District Museum (on the Island Highway - Highway 19 - north of Nanaimo)
Box 3128
Courtenay, B.C. V9N 5N4
Phone (604) 336-2445

Dawson Creek

Dawson Creek Museum Art Gallery (the southern terminus of the Alaska Highway)
13th Street and Alaska Avenue
Dawson Creek, B.C. V1G 1Z4
Phone (604) 782-4868

Fernie

Fernie Museum (on the Southern Transprovincial Highway between Cranbrook and the Alberta border)
Box 1527
Fernie, B.C. V0B 1M0
Phone (604) 423-7016

Grand Forks

Boundary Museum (on Southern Transprovincial Highway - Highway 3)
Box 17
Grand Forks, B.C. V0H 1H0
Phone (604) 445-6385

Hudson Hope

Dam Exhibit Centre, Peace Canyon Power Project (west of Hudson Hope on Highway 29, between Prince George and Fort St. John)
Box 509, Highway 29,
Hudson Hope, B.C. V0C 1V0
Phone (604) 663-2419

Hudson Hope Museum

Box 98
Hudson Hope, B.C. V0C 1V0
Phone (604) 783-5735

Kamloops

Kamloops Museum
207 Seymour Street
Kamloops, B.C. V2C 2E7
Phone (604) 372-9931

Kelowna

Kelowna Centennial Museum and National Exhibit Centre (Highway 97 through the Okanagan District)
470 Queensbury
Kelowna, B.C. V1Y 6S7
Phone (604) 763-2417

Kitimat

Kitimat Centennial Centre (south of Highway 16 at Terrace)
283 City Centre
Kitimat, B.C. V8C 1T6
Phone (604) 653-7022

Lillooet

Lillooet Museum (west of the Trans-Canada Highway at Cache Creek)
Box 441
Main Street
Lillooet, B.C. V0K 1V0
Phone (604) 256-4308

Mission

Mission Museum (east of Vancouver on Highway 7)
33201 Second Avenue
Mission, B.C. V2V 1J9
Phone (604) 826-1011 or 826-8808

Nanaimo

Nanaimo Centennial Museum (on Vancouver Island)
100 Cameron Road
Nanaimo, B.C. V9R 2X1
Phone (604) 753-1821

Nelson

Nelson Museum
402 Anderson St.
Nelson, B.C.
(604) 352-9813

Woodberry Mining Museum (Hwy 31, north of Nelson)
417 W. Beasley St.
Nelson, B.C., V1L 5M6

New Denver

Sandon Museum (Highway 6 north of Castlegar)
Box 303
New Denver, B.C. V0G 1S0

Osoyoos

Osoyoos Museum (Southern Transprovincial Highway - Highway 3 - south of Okanagan Lake)
Box 791
Osoyoos, B.C. V0H 1V0
Phone (604) 495-6723

Penticton

R.N. Atkinson Museum (Highway 97 through the Okanagan District)
785 Main Street
Penticton, B.C. V2A 5E3
Phone (604) 492-6025

Prince Rupert

Museum of Northern British Columbia (the western terminus of Highway 16)
Box 669
McBride Street at First Avenue
Prince Rupert, B.C. V9J 3S1
Phone (604) 624-5637

Quesnel

Quesnel Historical Museum (on Highway 16 south of Prince George)
Le Bourdais Park
405 Barlow Avenue
Quesnel, B.C. V2J 2C3
Phone (604) 992-9580

Rosedale

Bridal Falls Trading Post and Museum of Minerals and Crystals (on the Trans-Canada Highway west of Hope)
53560 Bridal Falls Road
Rosedale, B.C. V0X 1X0

Rossland

Rossland Historical MuseumBox 26(Junction Highways 22 & 38)
Rossland, B.C. V0G 1Y0
Phone (604) 362-7722

Silverton

Silverton Mining Display (downtown Silverton)
Silverton, B.C.

Smithers

Bulkley Valley Museum (Highway 16, between Prince George and Prince Rupert)
Box 2615
Smithers, B.C. V0J 2N0
Phone (604) 847-3898

Sooke

Sooke Regional Museum
(Highway 14 west of Victoria)
Phillips Road
Sooke, B.C. V0S 1N0
Phone (604) 642-6351

Vernon

Mrs. Ruby Gay's Museum (Highway 97 through the Okanagan District)
RR #5, Highway 97 North
Vernon, B.C. V1T 6L8

Wells

Wells Historical Society (Highway 26, east of Quesnel)
Box 244
Wells, B.C. V0K 2R0
Phone (604) 994-3379

Williams Lake

Williams Lake Museum (on Highway 16, between Prince George and Cache Creek)
Phone (604) 392-4158

GEM AND LAPIDARY CLUBS

Local information about rock and gem hunting in British Columbia can be obtained from these sources.

Abbotsford

M.S.A. Rock and Lapidary Club
Box 461
Abbotsford, B.C. V2S 5Z5

Aldergrove

Fraser Valley Rock and Gem Club
Box 513
Aldergrove, B.C. V0X 1A0

This club sponsors a rock and gem show in September or October each year at the Elks Hall in Aldergrove.

Burnaby

Burnaby Laphounds Club
Box 80164,
6025 Sussex Drive
Burnaby, B.C. V5H 3X5

Chase

Shuswap Rock Club
Box 90
Chase, B.C. V0E 1M9

Chilliwack

Chilliwack Lapidary Club
Box 322
Chilliwack, B.C. V2P 6J4

Courtenay

Courtenay Gem and Mineral Club
Box 3025
Courtenay, B.C. V9N 5N3

Creston

Creston Valley Rock and Mineral Club
Attention: Hilda Kilgren, Secretary
RR #1,
Creston, B.C. V0B 1G0

Delta

Delta Rockhounds
Attention: Mrs. Nancy Dawson
4732 46th Avenue
Delta, B.C. V4K 1N2

Duncan

Cowichan Valley Rockhound Club
Box 232
Duncan, B.C. V9L 3X3

Engen

Nechako Valley Rock ClubRolling Stone Rock Shop
General Delivery
Engen, B.C. V0J 1M0

Gibsons

Sunshine Coast Lapidary and Crafts
Attention: J. Chappell
Route 1
Gibsons, B.C. V0N 1V0

Golden

Golden Rockhounds
Box 536
Golden, B.C. V0A 1H0

Greenwood

Greenwood Rock and Antique Club
Box 243
Greenwood, B.C. V0H 1J0

Hedley

Similkameen Rock Club
Attention: Mrs. J. Sanders
Hedley, B.C. V0X 1K0

Houston

Houston Rockhound Club
Box 828
Houston, B.C. V0J 1Z0

Kamloops

Thompson Valley Rock Club
Box 443
Kamloops, B.C. V2C 5L2

Kelowna

1120 Rock Club
Box 182
Kelowna, B.C. V1Y 7N5

Lillooet

Lillooet Rock and Gem Club
Box 633
Lillooet, B.C. V0K 1V0

Mile O Jade and Rock Club
Attention: W.S. Bouvette
Box 55
Lillooet, B.C. V0K 1V0

Lower Nicola

Nicola Valley Rockhounds
Box 61
Lower Nicola, B.C. V0K 1Y0

Maple Ridge

Maple Ridge Lapidary Club
Box 142
Maple Ridge, B.C. V2X 7E9

This club sponsors a gem and mineral show in February or March each year, at the Centennial Centre in Maple Ridge.

Mission City

Mission Valley Rock and Mineral Club
33580 Fifth Avenue
Mission City, B.C. V2V 1H4

Nanaimo

Skyline Rock and Mineral Club
855 Park Avenue
Nanaimo, B.C. V9R 4H9

Nanoose

Parksville and District Rock and Gem Club
Box 19 Acacin/Ballenas
RR #1,
Nanoose, B.C. V0R 2R0

Nelson

Kokanee Rock Club
707 Radio Avenue
Nelson, B.C. V1L 3L2

New Westminster

New Westminster Lapidary Club
49 Sixth Street
New Westminster, B.C. V3L 4S8

North Vancouver

Lapidary Rock and Mineral Society of British Columbia
Attention: Mrs. C. Sparkes, Executive Secretary
941 Wavertree Road North
North Vancouver, B.C. V7R 1S4

North Shore Rock and Gem Club
Box 236
North Vancouver, B.C. V7L 4S8

Rockcrafters Guild of North Vancouver
3436 Mount Seymour Parkway
North Vancouver, B.C. V7H 1G4

Penticton

Penticton Geology and Lapidary Club
Box 132
Penticton, B.C. V2A 6J9

This club sponsors a mineral and gem show in October or November each year in the Cherry Lane Mall in Penticton.

Pitt Meadows

Gem-N-1 Craftsmen
19625 Lougheed Highway
Pitt Meadows, B.C. V0M 1P0

Port Alberni

Alberni Valley Rock and Gem Club
Box 1291
Port Alberni, B.C. V9Y 7M2

This club sponsors a mineral and gem show in March every year, held at the Echo Centre in Port Alberni.

Port Moody

Port Moody Rock and Gem Club
300 Ioco Road
Port Moody, B.C. V3H 2V7

Powell River

Powell River Lapidary Club
5770 Hatfield Place
Powell River, B.C. V8A 4G4

Prince George

Spruce City Rock and Gem Club
Box 2058
Prince George, B.C. V8J 3T9

Prince Rupert

Prince Rupert Lapidary Club
1000 McBride Street
Prince Rupert, B.C. V8J 3H2

Princeton

Princeton Rock and Mineral Club
Box 1518
Princeton, B.C. V0X 1W0

Quesnel

Quesnel Rock Club (1974)
Box 6, Plywood Hill,
RR #1
Quesnel, B.C. V2J 3H5

Richmond

Richmond Gem and Mineral Club
Arts Centre,
767 Minoru Gate
Richmond, B.C. V6Y 1R8

Smithers

Bulkley Valley Mineral and Lapidary Club
Attention: Mrs Myrna Briggs
RR #1, Virginia Street
Smithers, B.C. V0J 2N0

South Burnaby

Burnaby Gem and Mineral Club
Box 80741
South Burnaby, B.C. V5H 3X6

Surrey

Surrey Rockhound Club
Box 355
Surrey, B.C. V3T 5B6

Terrace

Terrace Lapidary Club
Box 152
Terrace, B.C. V8G 4A6

Trail

Dewdney Trail Rock and Gem Club
313 Sylvia Crescent
Trail, B.C. V1R 1A4

Vancouver

British Columbia Faceters Guild
3085 Adanac Street
Vancouver, B.C. V5K 2N6

Creative Jewellers Guild of B.C.
131 West 40th Avenue
Vancouver, B.C. V5Y 2R3

Dunbar Lapidary Club
4747 Dunbar Street
Vancouver, B.C. V6S 2H2

Gem and Mineral Foundation of Canada
3492 Dundas Street
Vancouver, B.C. V5K 1R8

Hastings Centre Rockhounds
Hastings Community Centre
3096 East Hastings Street
Vancouver, B.C. V5K 2A3

Lapidary Club of Vancouver
Box 145, Station A
Vancouver, B.C. V6V 2M3

Vernon

Vernon Lapidary and Mineral Club
Box 14
Vernon, B.C. V1T 6M1

Victoria

Victoria Lapidary and Mineral Society
Box 5114, Station B
Victoria, B.C. V8R 6N3

West Vancouver

Lapidary Club of West Vancouver
1555 Rena Crescent
West Vancouver, B.C. V7V 2Z2

B.C. MINERAL AND LAPIDARY DEALERS

This is not a complete listing. Please consult your local yellow pages for additional dealers. Dealers are welcome to submit their name and address for future updates of this brochure.

Aldergrove

Western Gem & Mineral Supplies
27102 Fraser Highway,
Box 219
Aldergrove, B.C. V0X 1A0
Phone (604) 856-8170

Anahim Lake

Sea Rose Mines
Box 3434
Anahim Lake, B.C. V0L 1C0
Phone (604) 742-3386

Burnaby

Jade Intarsia
325 - 6400 Roberts Street
Burnaby, B.C. V5C 3K8
Phone (604) 299-7244

Cache Creek

Cache Creek Saddle Shop
c/o V.J. Todd
Cache Creek, B.C. V0K 1H0

Fort St. John

Kar-Trels Jade Ltd.
RR #1
Fort St. John, B.C. V1J 4M6
Phone (604) 785-2163

Hope

Sue's Rock Shop
489 Trans-Canada Highway No. 1
Box 1057
Hope, B.C. V0Z 1L0

Kaslo

Huggins Handcraft Jewellers
Front Street
Kaslo, B.C. V0G 1M0
Phone (604) 353-7333 or 353-2253

Langley

Elco Jade Limited
24421 Fraser Highway
RR #3
Langley, B.C. V3A 7B9

Lee's Jade and Opals Ltd.
3563 232nd Street RR #12
Langley, B.C. V3A 7B9
Phone (604) 534-2736

O'Ferguson Rocks and Grits
23537 40th Avenue RR #12
Langley, B.C. V3A 7B9
Phone (604) 530-4254

Lillooet

Ron Purvis
Box 609
Lillooet, B.C. V0K 1V0

New Westminster

Joan's Gems and Minerals
Westminster Quay Market
810 Front Street
New Westminster, B.C. V3M 6B9
Phone (604) 524-8540

North Vancouver

Capilano Rock and Gem Ltd.
1644 Bridgman Avenue
North Vancouver, B.C. V7P 2T4
Phone (604) 987-5311

Oliver

Rene's Rock Shop
RR #2
Oliver, B.C. V0H 1T0
Phone (604) 498-2710

Penticton

Mystic Gems
Site 60, Comp. 16 RR #2
Penticton, B.C. V2A 6J7
Phone (604) 492-4782

Princeton

Caribou Jade and GemsR. & L. Bouvette
Box 565
Princeton, B.C. V0X 1W0
Phone (604) 292-8541

Rock Creek

Capt. Joe's
RR #2
Rock Creek, B.C. V0H 1Y0
Phone (604) 446-2777

Jades Plus Rock Shop
Box 144
Rock Creek, B.C. V0H 1X0
Phone (604) 446-2786

Rosedale

Bridal Falls Trading Post
53560 Bridal Falls Road
Rosedale, B.C. VOX 1X0
Phone (604) 794-3003

Cassiar Jade Shop
50526 Yale Road EastRR #1
Rosedale, B.C. V0X 1X0
Phone (604) 794-7453

Royston

Gem and Lapidary
Box 105
Royston, B.C. V0R 2V0
Phone (604) 334-4390

Saanichton

Images of Time Scientific Ltd.
Box 461
Saanichton, B.C. V0S 1M0
Phone (604) 652-0649

Smithers

Danica Lapidary and Art Barn
Box 2471(1215 Main Street)
Smithers, B.C. V0J 2N0
Phone (604) 847-3004

Marcella's B.C. Jade Sales
Box 2675
Smithers, B.C. V0J 2N0
Phone (604) 847-2826

Surrey

B & G Lapidary
13818 - 89A Avenue
Surrey, B.C. V3V 6K9
Phone (604) 596-4543

Gian-Carlo
11387 - 124 Street
Surrey, B.C. V3S 4V3
Phone (604) 580-3264

Vancouver

B.C. Jade House
3695 Main Street
Vancouver, B.C. V5V 3N6
Phone (604) 874-8667

Burns Gem, Rock and Lapidary (1982) Ltd.
520 Hastings Street West
Vancouver, B.C. V6A 1P8
Phone (604) 669-3422

Bustopher Goldsmiths Limited
410 Howe Street
Vancouver, B.C. V6C 2A5
Phone (604) 683-8243

Creative Fluorescents and Jewellery
340 East 20th Avenue
Vancouver, B.C. V5V 1M3
Phone (604) 876-4488

Elden Exploration Enterprises Ltd.
567 Hornby Street
Vancouver, B.C. V6C 2E8
Phone (604) 687-1891

Glenda's Gems
412 - 5550 Cambie Street
Vancouver, B.C. V5Z 3A2
Phone (604) 321-7887

Jade Galleries
853 Hamilton Street
Vancouver, B.C. V6B 2R7
Phone (604) 681-8959

Jade World
1696 West First Avenue
Vancouver B.C. V6J 1G1
Phone (604) 733-7212

Kory's Gem Craft
625 East 16th Avenue
Vancouver, B.C. V5T 2V3
Phone (604) 879-2242

Loex Jades Limited
3182 Camosun Street
Vancouver, B.C. V6P 3X1
Phone (604) 228-8219

Rare Earth Gems Ltd.
820 - 470 Granville Street
Vancouver, B.C. V6C 1V5
Phone (604) 685-6936

Rusty's Gems Ltd.
Box 24487, Station C
Vancouver, B.C. V5T 4E1

Willy Ent. Ltd.
1045 Robson Street
Vancouver, B.C. V6E 1A9
Phone (604) 684 6629

Vernon

L & M Opal Imports
Site 17A, Comp. 12
RR #5
Vernon, B.C. V1T 7Z3
Phone (604) 545-6487

Victoria

The Rockhound Shop
777 Cloverdale Avenue
Victoria, B.C. V8X 2S6
Phone (604) 388-5341

Westbank

Kel Findings
Box 55
Westbank, B.C. V0H 2A0
Phone (604) 768-5609

White Rock

Lucky Strike Lapidary
14418 Blackburn Crescent
White Rock, B.C. V4B 3A4
Phone (604) 531-9938

Nephrite Sales
Box 126
White Rock, B.C. V4B 4Z7
Phone (604) 536-2454

White Stetson Rock Shop
2248 King George VI
White Rock, B.C. V4A 5A2
Phone (604) 536-6216

GEMMOLOGICAL INSTRUMENTS AND SUPPLIES

This is not a complete listing so please consult your local yellow pages for additional sources of instruments and supplies.

Gemlab Research and Technology
Box 69024
Vancouver, B.C. V5K 4W3
Phone (604) 530-8860

Polished gemstones, gemmological instruments, instruction books.

James International Sales Ltd.
3960 Charles Street
Burnaby, B.C. V5C 3K8
Phone (604) 291-6857

Microscopes, gemmological instruments.

Pacific Institute of Gemmology
Box 69024
Vancouver, B.C. V5K 4W8
Phone (604) 530-8569

Microscopes, gemmological instruments.

OKS

Barkerville - A Guide to the Fabulous Cariboo Gold Camp,
by Bruce Ramsay (1961), Mitchell Press, Vancouver.

Barkerville Days,
by Fred Luddett (1980), Mitchell Press, Vancouver.

Boss Whistle - The Coal Miners of Vancouver Island Remember,
by Lynne Bowen (1982), Oolichan Books, Lantzville, B.C.
Social history of coal mining on Vancouver Island.

The Burgess Shale,
by Harry B. Whittington (1985), Yale University Press, New Haven and London.

Cariboo Gold - The Story of the British Columbia Gold Rush,
by Marian T. Place (1970), Holt, Rinehart and Winston of Canada.

The Cariboo Gold Rush Story,
by Donald E. Waite (1988), Hancock House, Surrey, B.C.

Coal in Canada,
Published by the Coal Association of Canada (1985).

The Coal Coast
by Eric Newsome, Orca Book Publishers, ISBN 0-920501-11-7

The Craigmont Story,
by Murphy Shewchuk (1983), Hancock House, Surrey, B.C.
History of the Craigmont mine near Merritt, B.C.

Fur, Gold and Opals - A Guide to the Thompson River Valley,
by Murphy Shewchuk (1975), Hancock House Publishers, Saanichton, B.C.

Geology of the Northwest Mainland - The Geology of the Skeena, Nass and Kitimat drainages of British Columbia,
by Allan Gottesfeld (1985), Kitimat Centennial Museum Association.

Encyclopedia of Ghost Towns and Mining Camps of British Columbia
by Thomas W. Paterson (1979), Stagecoach Publishing Co. Ltd., Langley, B.C.

Gold and Other Minerals: How they are Found and Mined,
by John B. Gammon, illustrations by Carol Danvers (1987),
Institution of Mining and Metallurgy, London, England.
Distributed in Canada by MSS Ltd.

Gold Creeks and Ghost Towns,
by N.L. Barlee (1984), Hancock House, Surrey, B.C.
A brief history and guide to ghost towns of B.C.'s placer gold areas.

The Gold Crusades - The Social History of Gold Rushes,
by Douglas Fetherling (1988), Macmillan of Canada, Toronto.
Chapter 4, "To the ends of the Empire" deals specifically with British Columbia.

Gold Rush,
by Rosemary Neering (1974), Fitzhenry and Whiteside Limited, Toronto.

The Goldseekers,
by Ralph Hall (1978), Sono Nis Press, Victoria.
History of mining in the Fort St. James, Manson Creek, Germansen Landing areas in the 1930s.

The Guide to Goldpanning,
by N.L. Barlee (1979), Hancock House, Surrey, B.C.

Guide to Rocks and Minerals of the Northwest,
by Stan and Chris Leaming (1986), Hancock House, Surrey, B.C.

Hammerstone - The Biography of an Island,
by Olivia Fletcher (1989), Apple Press, Hornby Island, B.C.
A documentary on the Hornby Island environment.

The Hope Slide - Disaster in the Dark,
Edited by Art Downs (1985), Heritage House Publishing Co. Ltd., Surrey, B.C.

The Journals of George M. Dawson, British Columbia 1875-1878,
Edited by Douglas Cole and Bradley Lockner (1989), The University of British Columbia Press.
This remarkable man was a pioneer of the Geological Survey of Canada. As he studied geology in British Columbia, he also made observations about the flora and fauna, and the native people he encountered. His work is an important contribution to the understanding of the natural history of the province.

Landforms and Observed Hazard Mapping, South Thompson Valley, British Columbia, by R.G. Buchanan (1977), Ministry of Highways and Public Works, Geotechnical and Materials Branch.
This is a technical volume for use by engineers and geotechnicians but it contains an appendix of excellent airphoto mosaics covering the South Thompson valley which beautifully illustrate types of river and glacial deposits, for example, fans, colluvium, floodplains, moraines, lacustrine terraces, and so on.

Lost Bonanzas of Western Canada - Thirteen Stories of Lost Mines, Buried Treasure or Outlaw Loot from B.C., Alberta, and the Northwest Territories,
Edited by Garnet Basque (1988), Sunfire Publications, Langley, B.C.

The Naturalist's Guide to the Victoria Region, Edited by Jim Weston and David Stirling (1986), The Victoria Natural History Society, Victoria.
This book includes an excellent section on the geology of the Victoria area that explains tectonic and glacial history and provides locations and description of geological field stops in the Greater Victoria region.

Oceanography of the British Columbia Coast,
by Richard E. Thomson (1981), Department of Fisheries and Oceans, Ottawa.
An in-depth book about the B.C. coast - it deals primarily with waves, currents and tides but also includes topics ranging from meteorology to marine biology to past and present marine geology.

Overlanders - 1858 Gold,
by Richard Thomas Wright (1985), Western Producer Prairie Books, Saskatoon.

Rockhounding and Beachcombing on Vancouver Island,
by Bill and Judy Hutchinson (1971), Published by Tom and Georgie Vaulkhard, The Rockhound Shop, Victoria.

Rocks, Rigs and Roughnecks - British Columbia's Oil and Gas History, by Peter Corley-Smith (1988), The Royal British Columbia Museum.

Sandon, the Mining Centre of the Silvery Slocan
by D. May (1986), self-published, Nelson, B.C.
This is a history of Sandon from 1891 to the present.

Shays on the Switchbacks - A History of the Lenora - Mount Sicker Railway, by Elwood White and David Wilkie (1963), B.C. Railway Historical Association, Victoria.

Spud's Dream - The Story of Spud Huestis and Other Risk-takers Who Developed the Highland Valley Copper Camp.
by Sidney K. Cole (1987), Rand & Sarah Publishing Ltd., Richmond, B.C.

Three Dollar Dreams,
by Lynne Bowen (1987), Oolichan Books, Lantzville, B.C.
A companion to Boss Whistle.

The Town That Got Lost - A Story of Anyox, British Columbia, by Pete Loudon, Gray's Publishing Ltd. (1973), Sidney, B.C.

Wet Coast Ventures - Mine Finding on Vancouver Island,
by Walter Guppy (1988), Capp's Press.

GUIDEBOOKS

Guidebook for Geological Field Trips in Southwestern British Columbia, Edited by J.E. Armstrong (1968), Published by the Department of Geology, The University of British Columbia, Report #6, April 1968. Includes;

- Introduction to stratigraphy of southwestern B.C. and northwestern Washington, by W.R. Danner.
- Granitic rocks of southwestern B.C., by W.H. White.
- Geomorphology of southwestern B.C., by W.H. Mathews.
- Field trip to illustrate the geology of the Coast Mountains, North Vancouver, B.C., by J.E. Muller.
- Field trip, Vancouver to Kamloops and return, by K.C. McTaggart and others.

Garibaldi Geology - A popular guide to the geology of the Garibaldi Lake area, by W.H. Mathews (1975), published by the Geological Association of Canada.

Vancouver Geology - A popular guide to the geology of Vancouver,
by John E. Armstrong (1990), published by the Cordilleran Section of the Geological Association of Canada.

Many other field guidebooks that deal with more technical geological topics can be obtained from:

Geological Association of Canada
Cordilleran Section
P.O Box 308 Station A
Vancouver, B.C. V6C 2N2 Phone (604) 684-7254

ADVENTURES IN EARTH SCIENCE SERIES

This is a series of geological field guides to various areas in British Columbia that was designed for high school teachers and published by The University of British Columbia Department of Geology. Each of the following locations has a partial collection of the volumes listed below.

VPL - Vancouver Public Library, Central Branch, 750 Burrard Street, Vancouver, Science Division, Phone (604) 665-3585.

MEMPR - Ministry of Energy, Mines and Petroleum Resources Library, 430 - 617 Government Street, Victoria, Phone (604) 387-6407.

UBC - University of British Columbia, Geological Sciences Reading Room, Geological Sciences Building, Phone (604) 228-3766.

VOLUME #

#3 - Historical Geology of the Lower Fraser Valley, by R.H. Blunden (VPL, MEMPR, UBC).

#9 - Victoria - Saanich Geology, by Jon Rau (VPL, MEMPR, UBC).

#10 - Kitimat-Terrace-Stewart Geology, by Jon Rau (VPL, MEMPR, UBC).

#11 - Geology of Kamloops - A Guide for Teachers, by D. Rolston (VPL, MEMPR, UBC).

#12 - Fraser Canyon Geology, by Jon Rau (VPL, UBC).

#15 - Urban Geology of Richmond, British Columbia. Interpreting a Delta Landscape, by R.H. Blunden (VPL, UBC).

#16 - The Geology of School District 43 (Coquitlam), by G. Steven Kellas (UBC, MEMPR).

#17 - Guidebook for Geological Field Trips in Burnaby, Ioco, Port Moody, Pitt Meadows, Maple Ridge, Port Coquitlam and Vancouver, B.C., by Elmer Rorstad (UBC, MEMPR).

#18 - The Geology of Nanaimo, B.C., by Bruce Gurney (VPL, UBC).

#19 - Geology of Prince George, B.C., by Gary Hawkins (VPL, UBC).

#20 - Geology of the Nicola Valley, by R.L. Hainstock (VPL, UBC).

#21 - Geology of the Abbotsford-Chilliwack Area, B.C., by R. Clarkson (VPL, UBC).

#22 - Geology of North Vancouver, (MEMPR, UBC)

#23 - Geology of the Cranbrook-Kimberley Area, B.C., by R.W. Reid and T.W. Spilsbury (VPL, UBC).

#25 - Guide to the Geology of the Gulf Islands, by Jenny Stark (VPL, UBC).

MAGAZINE ARTICLES

The magazines Geos, Canadian Geographic, Equinox and Wildlife Review often feature articles of geological interest.
The Northern Miner - "Canada's Mineral Resources Newspaper", is published weekly and covers mining, exploration and investment news.

Selected articles

B.C.'s Fabulous Fossils (Burgess Shale),
by Diane Swanson(1982), Wildlife Review (autumn '82).
Could a Megacrust Earthquake Strike Southwestern B.C.?,
by Herb Dragert and Garry Rogers, Geos 17, No. 3 (summer '88), pages 5-8.

Earth's Great Dyings - Scientists Seek Clues to the Mystery of Mass Extinctions,
by Paul Tisdall, Equinox 3: 123, Sept./Oct. '84, pages 85-100.

Fossils in Manning Park,
by Peter Thorne, Wildlife Review R9: (spring '78).

Gulf Islands - A Coast with Anticlines,
by Peter Thorne, Wildlife Review R9: (summer '81), pages 28-31.

The Holocene,
by Peter Thorne, Wildlife Review, Vol. 10, No. 2 (summer '82), pages 16-19.

Lithoprobe Maps Subduction Zones (Vancouver Island),
Geos 14, (summer '85), pages 12-15.

Spits and Tombolos, by Peter Thorne, Wildlife Review, Vol. 10, No. 2, (summer '82), pages 16-19.

Trying to Reduce Earthquake Losses in Canada,
Canadian Geographic 100: 44-9, April-May '80.

FILMS

Films and videos are available for rent from the National Film Board. For information contact:

The National Film Board
1045 Howe Street, Suite 100 Vancouver, B.C. V6Z 2B1
Phone (604) 666-0716 or;

1412 Douglas Street, Victoria, B.C., V8W 2G1
Phone (604) 388-3868

Films of geological interest (NFB descriptions):

The Evolving Earth (1987); 74 minutes 21 seconds.
A compilation of NFB films about the earth, on video.

Volcanism; When Mount Kilauea in Hawaii shakes itself into action, the results are spectacular. The camera just steps ahead of the column of lava. (4:17).

Faces of the Earth; The forces that knead the Earth's surface; ejecting it, depressing it and shaping it, are explored. (17:02).

Moving Planets and Continents; This film uses animated maps to demonstrate the movement of the earth's surface. (2:43).

Five Billion Years; This superb animated film travels through time to record 5 billion years of evolution in North America. (7:07).

Continental Drift; An exposition of the theory that the Earth's continents are fluid, and that in a slow rolling motion, one part of the Earth can be engulfed only to rise again elsewhere.

The Rise and Fall of the Great Lakes; A canoeist tours the Great Lakes, suffering all the cataclysmic changes of lake history in an accelerated, slapstick style. (16:40).

Riches of the Earth; This film shows how Canada's underground resources took shape through geological ages, becoming the raw materials we exploit today. (16:20).

Moving Mountains (1981); A look at women working alongside men in an open-pit mine in southeastern B.C. 16 mm film, 26 minutes.

That's the Price (1970); Two points of view concerning what the infusion of industrial capital meant to revive two dying coal towns in southeastern B.C. 16 mm film.

Baby This is for You (1975); Since its heyday during the gold rush of the 1920s, the town of Stewart, near the tip of the Alaska Panhandle, has slowed down considerably, but it is the site of some of the most spectacular summer and winter scenery of the province. Here are the realities of the frontier expressed by those experiencing it. 27 minutes.

Films that deal with energy may be obtained through:

Provincial Educational Media Centre
Ministry of Education,
Province of British Columbia
7351 Elmbridge Way
Richmond, B.C. V6X 1B8.